

MEETING MINUTES

Purpose of Meeting Discussion of Rocky Flats Water Issues

Date November 14, 1990

Prepared by F D Hobbs

ATTENDEES (EG&G) Steve Pettis, Ed Moritz, Holly Wolaver, Michael McHugh, Denny Weier, John Bauer, Dale Bokowski, (DOE-RFO) John Rampe, (Westminster) Susan Nachtrieb, (Northglenn) Kipp Scott, (Broomfield) Kathy Schnoor, (CDH) Judy Bruch, Al Hazle, Jeb Love, (EPA) Bob Shankland

DISTRIBUTION All attendees, (EG&G) J M Kersh and J E Evered

TOPICS OF DISCUSSION

Holly Wolaver discussed recent on-site incidents. These include the appearance of a white substance at the sewage treatment plant (STP), sudsing on Pond B-3, and a pipe break at the cooling tower. Holly indicated that all analyses received thus far on the STP and Pond B-3 incidents indicate only the presence of a silicone-based anti-foaming agent. John Rampe indicated that a routine sampling of Pond B-5 was performed on November 7, 1990. Results of the analyses will be provided to CDH prior to resumption of Pond B-5 transfer to Pond A-4. Bob Shankland indicated a concern that a surfactant may be causing the foaming and asked if the surfactant could be coming from the process areas. Continued evaluation of all laboratory analyses will be conducted as they are received.

Ed Moritz discussed a recent evaluation of the pond treatment system. Broomfield was concerned that large (300 micron) algae were identified in a water sample collected after the treatment system. Ed indicated that he had found one pipe off-shoot that did not flow continuously and contained algae without proper flushing. Discussion ensued as to whether the algae were blooming in the carbon beds or were effectively passing through the treatment system. Kathy Schnoor indicated that the samples had been analyzed the same day they were collected. Particulate size and distribution analysis is being investigated for both untreated and treated pond water.

Kathy Schnoor also presented data from July 1990 which indicate that five parameters were found at higher concentration levels after the treatment systems.

Kathy Schnoor expressed a concern about the proposed Pond C-2 transfer to Ponds B-5 and A-4. Kathy indicated that Broomfield's concern of allowing untreated Pond C-2 water from the Woman Creek drainage into either pond in the Walnut Creek drainage would be officially transmitted in a letter to John Rampe. Kathy indicated that Broomfield's preference would be to reinitiate the Pond C-2 treatment and bypass to the Broomfield diversion ditch. It was noted that assistance would be required to extend the dates of the Pond C-2 conveyance.

Steve Pettis provided current pond volumes and updated Kipp Scott on the progress of treatment system relocation at Pond A-4. Preliminary analytical results for the granular activated carbon were discussed. Slightly elevated levels of plutonium and uranium were found at the inlet side of the carbon vessel. John Rampe indicated that DOE would recommend sending the carbon back to the vendor for regeneration.

ADMIN RECORD

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Denny Weier and John Bauer provided statistical comparisons of water quality between RFP raw water, Ponds A-4, B-5, C-1, C-2, and Walnut Creek at Indiana. Comparative mean values were presented and discussed for plutonium, americium, uranium, gross alpha, and gross beta. Dale Bokowski provided insight into RFP laboratory practices. It was mutually agreed that statistical evaluation of the various water quality parameters should be continued.

John Rampe requested review comments on the proposed IAG Workplan language pertaining to pond management. A lengthy discussion ensued as both Judy Bruch and Susan Nachtrieb had numerous comments for discussion.

The next meeting was scheduled for 1:00 p.m., December 19, 1990 at the Westminster City Building.